

IN THE U.S. PATENT AND TRADEMARK OFFICE

In re application of

Robert FUCHS

Conf.

Application No. NEW NATIONAL PHASE

Group

Filed April 27, 2005

Examiner

METHOD FOR INSERTING A NUCLEIC ACID OF INTEREST INTO A PROKARYOTIC
OR EUKARYOTIC CELL BY HOMOLOGOUS RECOMBINATION**INFORMATION DISCLOSURE STATEMENT
(SUBMISSION CONCURRENT WITH THE
FILING OF A NEW PATENT APPLICATION)**Assistant Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

April 27, 2005

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, and in fulfillment of the duty of disclosure under 37 C.F.R. § 1.56, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications, or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

II. COPIES

- ☐ Copies of the U.S. patents or publications are not submitted since the USPTO has waived their submission for applications filed after June 30, 2003.
- ☐ Submitted herewith is a legible copy of (i) each foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.
- ☒ This application is a National Phase of a PCT application. Some or all of the documents listed on the PTO-1449 are not enclosed because they were cited in the International Search Report and copies should have been forwarded from the International Search Authority pursuant to the trilateral agreement between the USPTO, EPO and JPO, or they are U.S. patents or U.S. published applications. If copies are needed, please contact the undersigned.

III: CONCISE EXPLANATION OF THE RELEVANCE JC13 Rec'd PCT/PTO 27 APR 2005
 (check at least one box)

a. ☐ **DOCUMENTS IN THE ENGLISH LANGUAGE**

The attached non U.S. patents, non U.S. patent application publications, foreign publications, or other information in the English language do not require a statement of relevancy.

b. ☐ **DOCUMENTS NOT IN THE ENGLISH LANGUAGE**

A concise explanation of the relevance of all patents, publications, or other information listed that is not in the English language is as follows:

c. ☒ **FOREIGN SEARCH REPORT OR ACTION**

An English language version of the search report or action that indicates the degree of relevance found by the foreign office is attached, thereby satisfying the requirement for a concise explanation. See MPEP 609(A)(3).

d. ☐ **OTHER**

The following additional information is provided for the Examiner's consideration.

FEES

This Information Disclosure Statement is being filed concurrently with the filing of a new patent application; therefore, no fee is required.

If The Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned.

Respectfully submitted,

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Enclosures: ☒ Form PTO-1449(s)
☐ Documents
☒ Foreign Search Report
☐ Other: _____

INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)	Attorney Docket No.: 0510-1112	Application No.: NEW NATIONAL PHASE
	Applicant: Robert FUCHS et al.	
	Filing Date: April 27, 2005	Group Art Unit:

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing date (if appropriate)

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	WO 01/68882 A	9/20/2001	INTERNATIONAL				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	HINDS J ET AL: "Enhanced gene replacement in mycobacteria.", MICROBIOLOGY (READING, ENGLAND) ENGLAND MAR 1999, vol. 145 (Pt 3), March 1999 (1999-03), pages 519-527, XP002246130, ISSN: 1350-0872, the whole document
	MAHER V M ET AL: "MUTATIONS AND HOMOLOGOUS RECOMBINATION INDUCED BY N-SUBSTITUTED ARYL COMPOUNDS IN MAMMALIAN CELLS", ENVIRONMENTAL SCIENCE RESEARCH 1990, pages 149-156, XP008018516, ISSN: 0090-0427, the whole document
	POSFAI G ET AL: "Markerless gene replacement in escherichia coli stimulated by a double-strand break in the chromosome", NUCLEIC ACIDS RESEARCH, OXFORD UNIVERSITY PRESS, SURREY, GB, vol. 27, no. 22, 15 November 1999 (1999-11-15), pages 4409-4415, XP002963851, ISSN: 0305-1048
	NAIRN R S ET AL: "Transformation depending on intermolecular homologous recombination is stimulated by UV damage in transfected DNA" MUTATION RESEARCH 1988 NETHERLANDS, vol 208, no. 3-4, 1988, pages 137-141, XP002281444, ISSN: 0165-7992
	DIANOV G L ET AL: "THE CHEMICAL MUTAGEN DIMETHYL SULFATE INDUCED HOMOLOGOUS RECOMBINATION OF PLASMID DNA BY INCREASING THE BINDING OF RECA PROTEIN TO DUPLEX DNA" MUTATION RESEARCH, vol. 249, no. 1, 1991, pages 189-193, XP002281445, ISSN: 0027-5107

EXAMINER:	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

* English language abstract provided for the Examiner's convenience